As an Amateur Radio operator and a shortwave listener, I am extremely concerned about very probable 24/7 interference from proposed BPL services.

Urban and suburban RF noise levels are already high, and the implementation of BPL services will very likely compound this situation. Based on a number of BPL tests to date, I understand that BPL HF intereference has been measured well in the excess of levels normally used for radio communications. That is, BPL has been shown in various instances to totally mask reception of weak and even moderate-to-strong (50 microvolt and higher) RF signals and make radio communications next to impossible. High levels of interference may lead some Amateur Radio operators to stop operating and may cause others to increase their power to attempt to punch-through the interference. This is not a desireable solution.

One of my Amateur Radio interest areas is building and operating low power (less than 5 watts RF output) transmitters and receivers. Many of the other operators I contact are also using low power. This area has been the focus of various digital experiments and developments, but BPL has the potential to blanket these low level signals.

BPL is the most serious threat to Amateur Radio and shortwave reception I can recall in my forty years in radio. I strongly recommend that extensive testing be conducted and all aspects of the proposed BPL implementation be studied before further FCC action is taken.

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Robert E.
Lee